



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

647.1612
Job Sheet 181382



Part No: 647.1612

Job Qty: 60 ea

Part Name: Splice Plate



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 7/26/18

Job Tracking No:

Due Date: 9/10/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV A SHEET 5 IPP REV:A 12.10.04 NEW ISSUE DD VERF:JFS IPP REV:B 13.09.03 now prime at
ATG DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup	Run	Workcenter / Supplier	Lead Time	
					hrs	Hrs			
90	Start up Operation	60 Ea		9/10/18	0.00	0.00	Start Up Waterjet		X 8/8/05
110	Waterjet	60 pcs		9/10/18	0.00	5.07	Waterjet1		X 8/8/05
120	QC	60 pcs		9/10/18	0.00	0.00	QC2 Waterjet-1		X 8/8/05
130	QC	60 pcs		9/10/18	0.00	0.00	QC8-1		18-08-10
140	Outsource	60 pcs		9/10/18			ATG001-VC	5	18-08-10
150	Packaging	60 pcs		9/10/18	0.00	0.00	Packaging2		AUG 17 2018
160	QC	60 pcs		9/10/18	0.00	0.00	QC5		AUG 21 2018
190	Packaging	60 pcs		9/10/18	0.00	0.00	Packaging3-1		AUG 23 2018
200	QC21-SA	60 Ea		9/10/18	0.00	0.00	QC21		AUG 23 2018

Part Op 110 - 1-Cut as per Dwg

Descriptions: 140 - Issue P/O 540416 ATG, balck anodize and prime as per dwg 647.1612 Rev. A

190 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING THE P# AND REV***

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M2024T3S.090	2024-T3 .090 Sheet	1.9320 sf (.0322 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M2024T3S.090	2	35	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Splice Plate	0.170inches + 0.005 - 0.001	0.175 0.169	0.171 Diameter	
2	Splice Plate	0.340inches ± 0.030	0.370 0.310	0.343	
3	Splice Plate	0.560inches ± 0.030	0.590 0.530	0.566	
4	Splice Plate	0.350inches ± 0.010	0.360 0.340	0.355	

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																		
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																		
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																		
Large Fab ☐	Composite ☐	Supplier ☐																			
Date : _____		Step #: _____		QTY Effective : _____		MRB (QSI042) Approval															
Dart Aerospace Ltd. 1270 Aberdeen Street Newkirk, ON K6A 1K7 CANADA TEL.: 1 813 832-5200 Email: sales@dartero.com www.dartaerospace.com Container No: S100774 Part: 647.1612 Job No: 181382 Serial No/Batch: S100774 Revision: _____ Inspector: _____ Exp Date: _____ Instructions: _____ Date: 08/09/18						Disposition															
						Completed By															
						Lead hand / Supervisor Approval Verification															
						QC / QA Coordinator Approval															
<table style="width:100%; border: none;"> <tr> <td style="width:33%; vertical-align: top;"> Er DART AEROSPACE Eq </td> <td style="width:33%; vertical-align: top;"> Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ </td> <td style="width:33%; vertical-align: top;"> Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐ </td> <td style="width:33%; vertical-align: top;"> Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ </td> <td style="width:33%; vertical-align: top;"> Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ </td> <td style="width:33%; vertical-align: top;"> qualified ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ </td> <td style="width:33%; vertical-align: top;"> Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐ </td> </tr> </table>						Er DART AEROSPACE Eq	Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	qualified ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	CATEGORY <table style="width:100%; border: none;"> <tr> <td style="width:50%; border: none;"> ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center </td> <td style="width:50%; border: none;"> ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence </td> </tr> </table>		☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center	☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence					
Er DART AEROSPACE Eq	Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	qualified ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐															
☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center	☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence																				
OTHER : _____																					

5	Splice Plate	0.713inches $\pm$ 0.010	0.723 0.703	0,715
6	Splice Plate	1.060inches $\pm$ 0.030	1.090 1.030	1,062
7	Splice Plate	1.800inches $\pm$ 0.030	1.830 1.770	1,804
8	Splice Plate	1.445inches $\pm$ 0.010	1.455 1.435	1,446
9	Splice Plate	2.320inches $\pm$ 0.030	2.350 2.290	2,322
10	Splice Plate	0.381inches $\pm$ 0.010	0.391 0.371	0,380
11	Splice Plate	0.606inches $\pm$ 0.010	0.616 0.596	0,608
12	Splice Plate	0.941inches $\pm$ 0.010	0.951 0.931	0,947
13	Splice Plate	2.030inches $\pm$ 0.030	2.060 2.000	2,036

Plex 7/26/18 7:53 AM Dart.lajeunesse.marie

H:/FORMS/Quality Assurance/Approved

Internal Trans					
Tribal Knowledge					
LOA					
Substation					
Past Expiry Date					
Misidentified					
Man					
Past Due					

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Transport ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
Manufacturing Process ☐		OTHER : _____			



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040716**

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

PO No: PO040716
PO Date: 8/10/18
Due Date: 8/24/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, Chrisoula

Attention: Lalande, Marc-Andre

Via: Ground
Pymt Terms: Net 30

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Freight Terms:
Special Comments:

Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	175629	C2-1-1	Manual Release Knob -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A- 8625 TYPE-2 CLASS- 2, Water sealant -Certificate of Conformity is required	Firmed	-	8/15/18	20 pcs	0 pcs	20 pcs	\$7.60/pcs	\$152.00
Line Item Note **super rush**											
2	179588	646.9910	Struts Issue P/O to ATG : Hard Anodize, Color Black and Prime as per Dwg 646.9900 rev. N/C	Firmed	-	8/20/18	12 pcs	0 pcs	12 pcs	\$14.75/pcs	\$177.00
Line Item Note **another rush**											
3	181382	647.1612	Splice Plate Issue P/O ATG, balck anodize and prime as per dwg 647.1612 Rev. A	Firmed	-	8/24/18	60 pcs	0 pcs	60 pcs	\$8.25/pcs	\$495.00
4	181416	647.1810	Nose Door Doubler Outsource process- Anodize per QSI017 4.1.10.1 ISSUE P/O: HARD ANODIZE, COLOR BLACK AS PER DWG.(SEE NOTE 2)	Firmed	-	8/24/18	40 pcs	0 pcs	40 pcs	\$10.85/pcs	\$434.00
Grand Total:											\$1,258.00

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 8/14/18 10:18 AM dart.tsimiklis.chrisoula



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 915808

Date: 17-Aug-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Haw esbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
12 ea	Part: 646.9910 Struts Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 23564	Rev: NC PO: PO040716	Line: 2
60 ea	Part: 647.1612 Splice Plate Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 23565	Rev: A PO: PO040716	Line: 3
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>17/8/18</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			
Made in Canada.			

